

Title (en)

Photosensitive material for electrophotography.

Title (de)

Lichtempfindliches Material für die Elektrophotographie.

Title (fr)

Matériau sensible à la lumière pour l'électrophotographie.

Publication

EP 0085465 A1 19830810 (EN)

Application

EP 83200156 A 19830126

Priority

JP 1021482 A 19820127

Abstract (en)

[origin: US4447513A] Disclosed is a photosensitive material for electrophotography, which comprises a photosensitive layer containing a tetrakis-azo pigment represented by the following formula: <IMAGE> wherein X1 stands for a lower alkyl group, a lower alkoxy group or a halogen atom, X2 and X3 stand for a lower alkyl group, a lower alkoxy group, a halogen atom or a hydrogen atom, and Y stands for a group represented by the following group: <IMAGE> +TR <IMAGE> in which Z stands for an aromatic ring such as a benzene or naphthalene ring, a substitution product thereof, a hetero ring such as an indole, carbazole or benzofuran ring, or substitution product thereof, Ar1 stands for an aromatic ring such as a benzene or naphthalene ring, a substitution product thereof, a hetero ring such as a dibenzofuran ring, or a substitution product thereof, Ar2 and Ar3 stand for an aromatic ring such as a benzene or naphthalene ring or a substitution product thereof, R1 stands for a lower alkyl group, a carboxyl group or an ester thereof, and R2 and R3 stand for a hydrogen atom, a lower alkyl group, a phenyl group or a substitution product thereof.

IPC 1-7

G03G 5/09; **G03G 5/06**; **C09B 31/30**

IPC 8 full level

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CPC (source: EP US)

C09B 35/56 (2013.01 - EP US); **G03G 5/0694** (2013.01 - EP US)

Cited by

EP2868707A1; EP2868715A1; EP2868711A1; EP2868713A1; US9745474B2; US9725597B2; US9650516B2; WO2015062932A1; WO2015062939A1; US9624376B2

Designated contracting state (EPC)

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